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(54) Title: METHOD OF INDUCING AN ENHANCED IMMUNE RESPONSE AGAINST HIV

(57) Abstract: An efficient means of inducing an immune response against human immunodeficiency virus (HIV) utilizing specific prime-boost regimes is disclosed. The specific prime-boost regimes employ a heterologous prime-boost protocol employing recombinant adenoviral vectors of alternative and distinct serotypes comprising exogenous genetic material encoding a common HIV antigen. Vaccines administered into living vertebrate tissue in accordance with the disclosed regimes, preferably a mammalian host, such as a human or a non-human mammal of commercial or domestic veterinary importance, express the HIV-1 antigen (e.g., Gag), inducing a cellular immune response which specifically recognizes HIV-1. It is believed that the disclosed prime/boost regime will offer a prophylactic advantage to previously uninfected individuals and/or provide a therapeutic effect by reducing viral load levels within an infected individual, thus prolonging the asymptomatic phase of HIV-1 infection.

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Furthe	r documents are listed in the continuation of Box C.		See patent family annex.	
"A" documen	special categories of cited documents: t defining the general state of the art which is not considered to be alar relevance -	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
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"P" document	t referring to an oral disclosure, use, exhibition or other means	"&"	being obvious to a person skilled in the art document member of the same patent family	
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Continuation of B. FIELDS SEARCHED Item 3: WEST, MEDLINE adenovirus, HIV, vaccine, boost, optimized, nef, pol, gag, vector

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